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**Part 1**

**Performance Indicator from Whistler website**

The Whistler community is committed to providing a safe and healthy environment to the society and cater to the sustainability issues prevailing in the respective community. Among the many performance indicators, one of a major and most prominent perform indicator mentioned on the Whistler website is monitoring the “Landfill Waste”.

**Direction of the Statistical Trend**

The statistical trends measured against this performance indicator show an increasing trend and reveal that the landfill waste produced in 2018 was much higher as compared to the landfill waste of 2017 ("Community Performance Indicators", 2019).

**Insights about the Whistler community based on the Statistical Trend**

The trends of these statistical measures reveal much information about the Whistler Community. They provide insights about the seriousness, commitment, and dedication of the community towards the sustainable goals of the community.

**Relevance to my Hometown (China)**

The performance indicator being currently discussed is also relevant to my hometown, China. The issue of landfill waste is also a very common and prevalent issue in my country owing to a large number of population. China is going to dump 54.2% of its total municipal solid waste and 50.4% of its total industrial waste (ISW) till the end of 2020 in the landfills present at various locations in the country.

**Part 2**

**Issue**

China is a big economy with a large population as well. There are a lot of industries which produce a large amount of waste, along with a population of more than 1,415,045,928 people, who produce 8 to 9 million tons of trash every year. These all factors, combined, are enough to give rise to a number of environmental issues. The biggest environmental issue being faced by China currently is air pollution.

**Air Pollution: a Brief Introduction**

Air pollution has become a major issue in China and is posing to be a serious threat to the public health of the people residing in China. Till now, air pollution has been a Cause of 300000 to 400000 premature death all over the country. The major reason behind this increasing level of air pollution is the high rise of industry in China. As the most populous country in the world is moving to be on the top of the ranks of being a superpower, the industry in China is also increasing at a rapid pace, which is also becoming the cause of environmental population at a large level.

**Effective Indicators to cater to the Sustainability issue**

Various sorts of indicators are currently being used in China to determine the air quality and measure the levels of air pollution in the environment. One the most effective indicator is the use of Lichens, as Lichens are very sensitive to sulphur dioxide and they even absorb sulphur dioxide dissolved in the water very quickly. It has also been listed in the Sustainable Measures list for environmental indicators ("Indicators of Sustainability | Sustainable Measures", 2019).

**Methods to Measure the Sustainability Issue** There are a number of methods that are being used in China, currently, to measure the amounts of air pollution in the environment. The most common and simplest one is the use of active devices like the diffusion tube. Another very effective and useful way is the use of AQI (Air Quality Index) Indicator System. The data for air pollution can be found easily from the government agencies and various research groups. It is also these research groups in the community who monitor and manage this data.

**Comparison of Data to the Baseline**

Considering the figures for air pollution in recent years. It has been found out that the level of air pollution is decreasing in the Chinese environment. Although the reduction is slow, it is still decreasing, which is a positive sign.

**References**

Community Performance Indicators. (2019). Retrieved from <https://www.whistler.ca/municipal-gov/community-monitoring/community-performance-indicators>

Indicators of Sustainability | Sustainable Measures. (2019). Retrieved from <http://www.sustainablemeasures.com/indicators>